

1/5

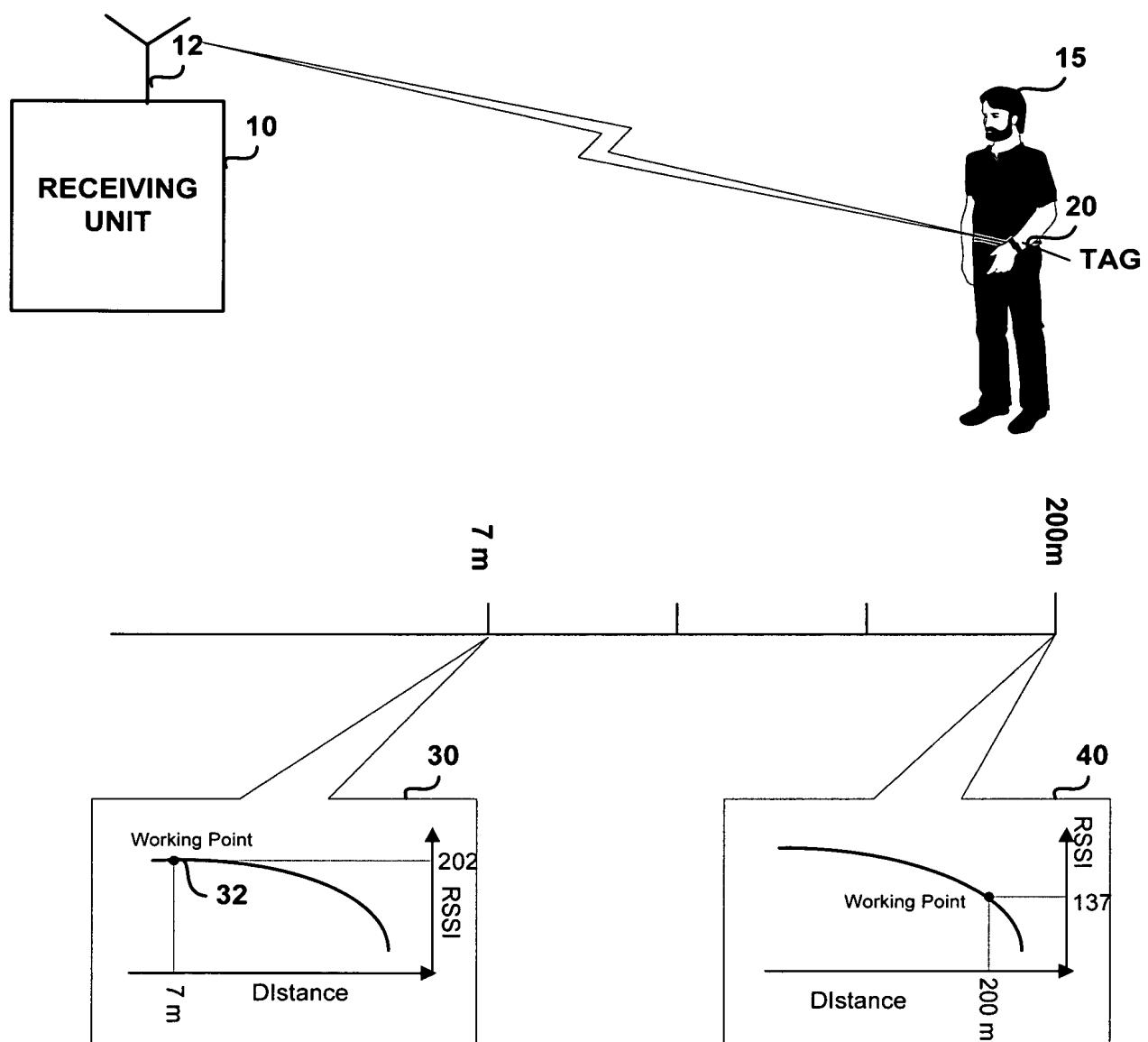


FIG. 1

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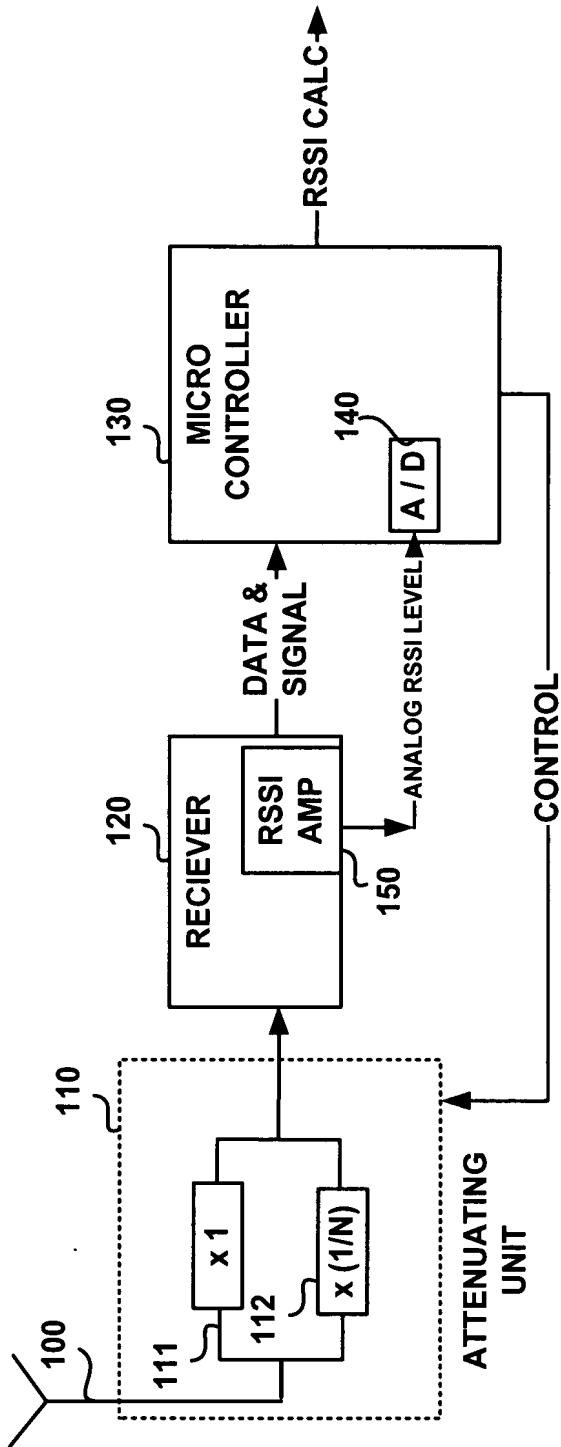


FIG. 2

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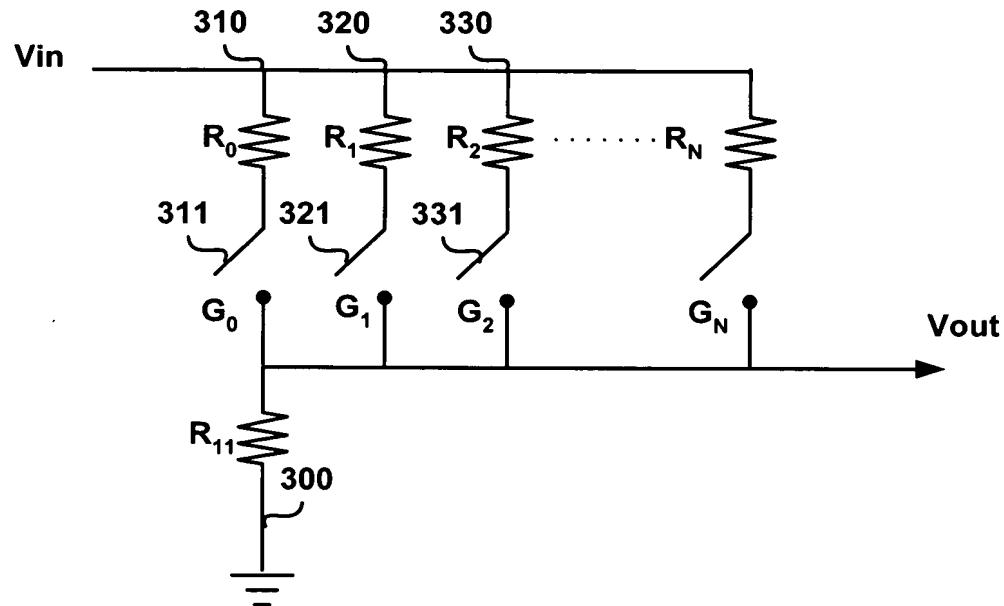


FIG. 3A

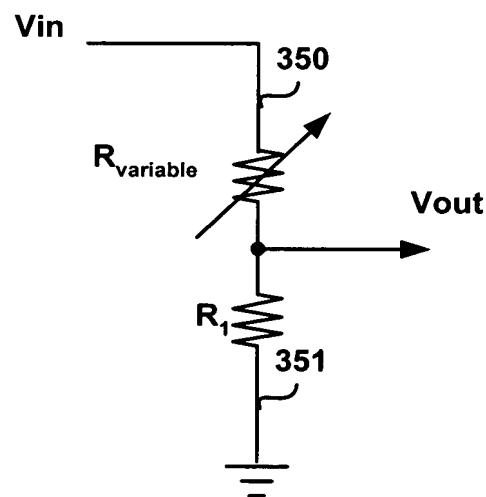


FIG. 3B

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401 402 403

| Distance[m] | RSSI Level | RF Voltage [μ voltes] |
|-------------|------------|----------------------------|
| 1 | 202 | 4350 |
| 2 | 202 | 2175 |
| 3 | 202 | 1450 |
| 4 | 202 | 1090 |
| 5 | 202 | 870 |
| 6 | 202 | 725 |
| 7 | 202 | 621 |
| 8 | 200 | 544 |
| 9 | 197 | 483 |
| 10 | 195 | 435 |
| 30 | 174 | 145 |
| 100 | 151 | 44 |
| 200 | 137 | 15 |

430
420
410
400

FIG. 4A

451 452 453

| Distance[m] | RSSI Level | RF Voltage [μ voltes] |
|-------------|------------|----------------------------|
| 1 | 239 | 4350 |
| 2 | 228 | 2175 |
| 3 | 220 | 1450 |
| 4 | 215 | 1090 |
| 5 | 212 | 870 |
| 6 | 208 | 725 |
| 7 | 205 | 621 |
| 8 | 201 | 544 |
| 9 | 197 | 483 |
| 10 | 195 | 435 |
| 30 | 174 | 145 |
| 100 | 151 | 44 |
| 200 | 137 | 15 |

490
480
470
460
450

FIG. 4B

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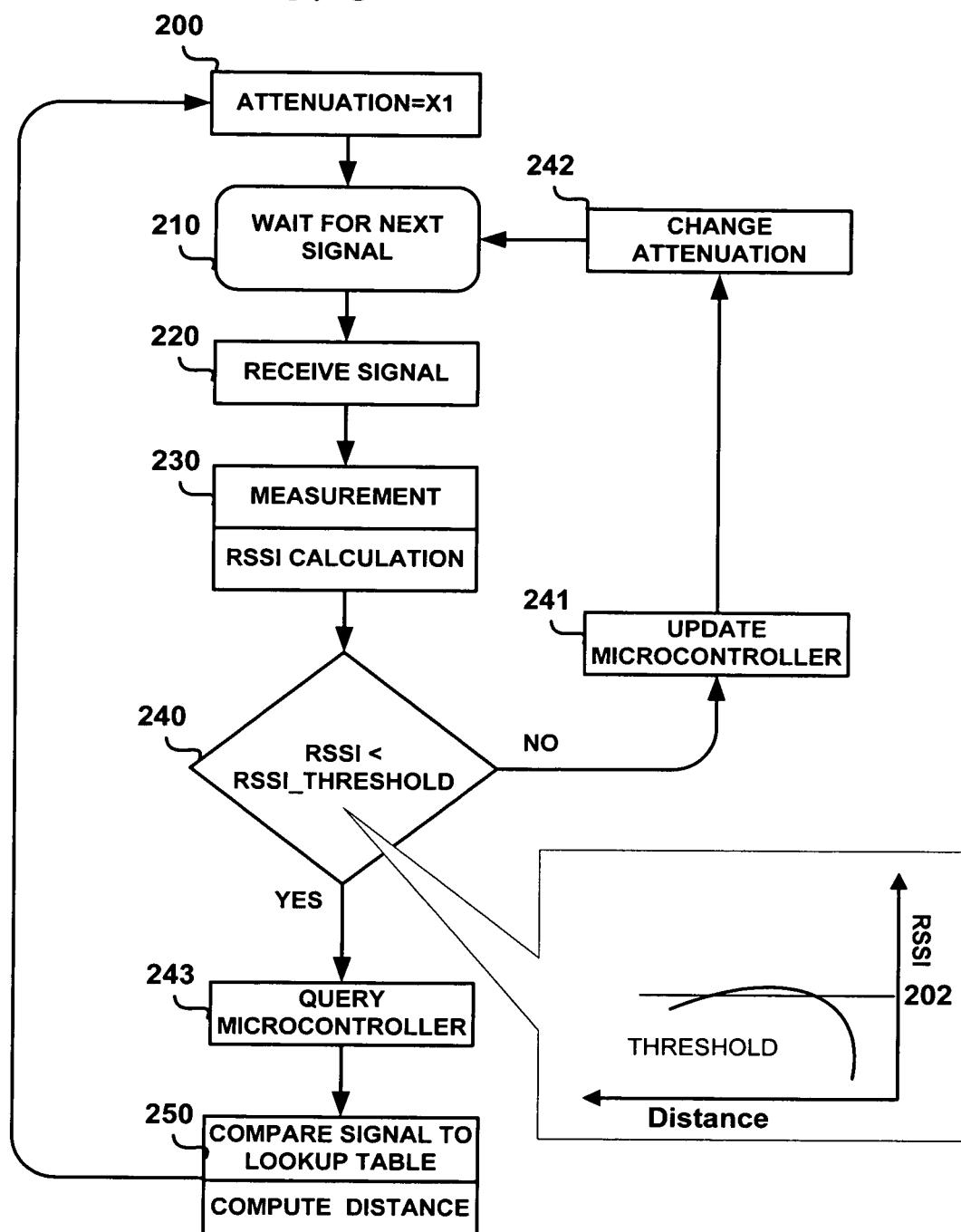


FIG. 5